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*Council of
State Governments*

ANALYSIS OF THE QUESTIONNAIRE ON INTER-STATE
COOPERATION IN HIGHER EDUCATION

by
The Bureau of Institutional Research
University of Minnesota

July 1955

ANALYSIS OF THE QUESTIONNAIRE ON INTER-STATE
COOPERATION IN HIGHER EDUCATION1. Distribution of the questionnaire.

The questionnaire was distributed to 87 institutions of higher learning in the states of Illinois, Indiana, Iowa, Kansas, Michigan, Minnesota, Missouri, Nebraska, North Dakota, Ohio, South Dakota and Wisconsin. The distribution list included all state-supported institutions (N= 76) in the twelve states named and all privately supported institutions in the area offering one or more of the following courses of study (N= 11): dentistry, veterinary medicine, and medicine.

2. Number of responses received

The number of institutions returning the questionnaires as of July 13 was fifty-seven. This number of respondents represents 65.5 per cent of those to whom questionnaires were sent. The respondents included all of the state universities and 8 of the 11 large privately supported institutions. A great majority of the institutions that did not reply were state teachers' colleges. The institutions to whom questionnaires were sent and those returning them are shown in Appendix I.

3. Selection of responses included in the report

The questionnaires upon which the main part of this memorandum is based were those that involved two or more institutions within the prescribed twelve-state area and involved arrangements other than informal ones between individuals. Also excluded were those inter-state arrangements which were the result of the institution's membership in a national organization or individuals within the institution's membership in professional associations and those that were of a short-term, single purpose nature or involved only non-academic affairs.

A summary sheet indicating the purpose, character, and membership for each arrangement meeting the above criteria is attached to the memorandum in the form of Appendix II. Inter-state arrangements between an institution within the twelve-state area and one elsewhere are summarized in Appendix III.

4. Reliability of responses

Very good agreement was observed on questionnaires from different institutions reporting on the same cooperative arrangement. Some variation in membership was reported for some arrangements and in such cases official lists of membership were consulted if they were available. In the absence of comparative data, it is impossible to know how many arrangements were not reported, but from the manner in which some of the replies were received (indicating that the forms had been duplicated and sent to all department heads) it may be assumed that most cooperative arrangements have been reported. The questionnaire and instructions used are shown in Appendix III.

5. Analysis of responses

Thirty-two cooperative arrangements involving two or more institutions in the prescribed twelve-state area were enumerated. Some of the arrangements did not have official titles and descriptive names were given. The following list gives the descriptive name or title employed in this report and the number of institutions involved in the arrangement.

Name or Descriptive Title of Cooperative Arrangement	Number of Institutions Involved
Midwest 4-University Seminars on U. S. Foreign Policy	4
The Midwest Inter-Library Corporation	13
Research in the Utilization and Marketing of Forest Products	4
Inter-University Cooperation in F. O. A. Programs in India	5
Agreement in Nursing Clinical Practice	2
Minnesota-Wisconsin Scandinavian Area Studies	2
Cooperative Arrangement between the Lake Itasca Forestry and Biological Station and the University of Wisconsin	2
Regional Poultry Testing Laboratory	11
Central Regional Research in Agricultural Education	13
Search for White Dwarfs and Search for Faint Blue Stars	4
Argonne National Laboratory	31
A College Cooperative Project in Pre-service Teacher Education	3
Rocky Mountain Center for Bibliographical Research	2
Midwest Universities Research Association	8
Southern Illinois University - University of Michigan Cooperative Forestry Program and Cooperative Wood Technology Program	2
Cooperative Granting of Ed. D.	2
Cooperative Research Project Involving Ball State Teachers College, Northern Illinois State Teachers College, and Teachers College, Columbia University	3
Social Work Workshops	2
Combined Liberal Arts - Engineering Degree Program	5
Application of Ultrasonic Technics to Neuroanatomy, Physiology and Surgery	2
Human Relations Area Files, Inc.	16
Tama Indian Project, Tama, Iowa	2
Extramural Program	3
The Inter-University Case Program	45
National Association of Educational Broadcasters Tape Network	75
Regional Conferences concerning programs in Nursing Service Adminis- tration offered under grants from W. K. Kellogg Foundation	3
Use of Illiac Computer (University of Illinois)	2
Use of McDonald Observatory in Texas	2
Education of Nebraska residents in Area of Veterinary Medicine	4
Library Acquisition and Use	2
Regional Cooperative Research under Section 9b3, Bankhead-Jones Funds (Research and Marketing Act of 1946)	12
Inter-University Labor Education Committee	11

The institutions in the midwest showed wide variation in the number of cooperative arrangements in which they were a party. The various arrangements in which certain selected institutions reported membership is given in Table One.

6. Analysis of the questionnaire contents

Of the thirty-two cooperative arrangements identified, thirty-one were reported on questionnaires and supplied the information that was requested. One of the arrangements was reported in a personal letter from the respondent and contained only the name of the project and its purpose.

The reported characteristics of the thirty-two arrangements that were subject to analysis are given in Table Two.

TABLE 2: CHARACTERISTICS OF INTER-STATE COOPERATIVE ARRANGEMENTS

Characteristic or Type	N	%
Teaching and Service	1	3.12
Research, Teaching, and Student Exchange	2	6.25
Research and Service	6	18.75
Research and Teaching	2	6.25
Research	9	28.12
Teaching and Student Exchange	5	15.62
Student Exchange	2	6.25
Service and Other	3	9.38
Other	2	6.25
Total	32	99.99

The financial arrangements involved in the cooperative arrangements were mostly of an informal nature (55.6 per cent). Twenty-eight per cent of the arrangements were of a contractual nature and this type of arrangement was usually restricted to cooperative agreements in research. Costs were shared and some released time for faculty and staff was involved in most of the informal agreements.

The type of involvement was most typically one in which the institutions shared in the use of a facility (66.4 per cent). In most cases the institutions also shared in the support of the facility (54.2 per cent). A smaller per cent of the total (38.7 per cent) reported that they also shared the management responsibilities. Three institutions (15.7 per cent of the total) indicated that they participated in other ways such as in an advisory capacity, coordinator, or furnished faculty members.

For practically every arrangement reported the evaluation of the effectiveness of the arrangements was reported as "highly beneficial". The only exceptions to this were one institution that reserved judgement (all others classified the same arrangement as highly beneficial) and another that did not respond to the question.

Table 3 consists of a cross-tabulation of selected institutions in the twelve state area that shows the number of cooperative arrangements in which the institutions share membership.

TABLE 3: CROSS TABULATION OF JOINT MEMBERSHIP IN ARRANGEMENTS *

Selected Schools	Indiana, University of	Iowa State University	Michigan State University	Michigan, University of	Minnesota, University of	Northwestern University	Ohio State University	Purdue University	Wisconsin, University of	Kansas, University of	Missouri, University of	Nebraska, University of	North Dakota, University of	South Dakota, University of	Chicago, University of	Iowa State College	Kansas State College
Illinois, University of	5	5	4	4	8	2	5	5	9	3	4	4	2	1	4	5	4
Indiana, University of		6	2	5	4	2	2	3	4	3	2	2	1	1	6	2	1
Iowa State University			2	4	5	2	2	3	4	3	2	2	1	1	6	2	1
Michigan State University				1	4	2	3	4	4	2	2	3	1	-	2	2	3
Michigan, University of					5	1	2	2	4	2	2	2	1	1	3	3	1
Minnesota, University of						2	2	5	9	3	4	4	3	1	2	5	3
Northwestern University							4	5	9	3	4	4	3	1	2	5	3
Ohio State University							1	2	2	2	1	1	-	1	1	1	1
Purdue University								3	4	2	3	4	2	1	2	3	4
Wisconsin, University of									5	2	2	3	1	-	2	4	3
Kansas, University of										3	3	4	2	1	6	4	3
Missouri, University of											2	2	1	2	2	1	1
Nebraska, University of												3	2	1	1	4	2
North Dakota, University of													2	2	1	4	4
South Dakota, University of													1	1	1	1	1
Chicago, University of																	
Iowa State College															1	1	1
Kansas State College																4	4

(5)

*For example: Reading across for Illinois, University of; Illinois is engaged in five(5) projects with Indiana, University of, etc.

INSTITUTIONS TO WHICH QUESTIONNAIRES WERE SENT

<u>Name of Institution</u>	<u>Replies Received</u>
<u>ILLINOIS</u>	
Eastern Illinois State College	
Illinois State Normal University	X
Loyola University	X
Northern Illinois State Teachers College	X
Northwestern University	X
Southern Illinois University	X
University of Illinois	X
University of Chicago	X
Western Illinois State College	X
<u>INDIANA</u>	
Ball State Teachers College	X
Indiana State Teachers College	
Indiana University	X
Purdue University	X
<u>IOWA</u>	
Iowa State College of Agriculture and Mechanic Arts	X
Iowa State Teachers College	X
State University of Iowa	X
<u>KANSAS</u>	
Fort Hays Kansas State College	
Kansas State College of Agriculture and Applied Science	X
Kansas State Teachers College (Emporia)	X
Kansas State Teachers College (Pittsburg)	
University of Kansas	X
<u>MICHIGAN</u>	
Central Michigan College of Education	X
Michigan College of Mining and Technology	
Michigan State University	X
Michigan State Normal College	X
Northern Michigan College of Education	
University of Detroit	
University of Michigan	X
Wayne University	X
Western Michigan College of Education	X
<u>MINNESOTA</u>	
Minnesota State Teachers College (Bemidji)	X
Minnesota State Teachers College (Mankato)	
Minnesota State Teachers College (Moorhead)	
Minnesota State Teachers College (St. Cloud)	X
Minnesota State Teachers College (Winona)	X
University of Minnesota	X

Name of InstitutionReplies ReceivedMISSOURI

Central Missouri State College	
Central Technological Institute, Inc.	
Lincoln University	
Northeast Missouri State Teachers College	
Northwest Missouri State College	X
St. Louis University	X
Southeast Missouri State College	
Southwest Missouri State College	X
University of Missouri	X
Washington University	X

NEBRASKA

Creighton University	X
Nebraska State Teachers College (Chadron)	X
Nebraska State Teachers College (Peru)	X
Nebraska State Teachers College (Wayne)	X
University of Nebraska	X

NORTH DAKOTA

North Dakota Agricultural College	X
North Dakota School of Forestry	X
North Dakota State School of Science	
State Normal and Industrial College	X
State Teachers College (Dickinson)	X
State Teachers College (Mayville)	
State Teachers College (Minot)	
State Teachers College (Valley City)	X
University of North Dakota	X

OHIO

Bowling Green State University	X
Central State College	
Kent State University	X
Miami University	X
Ohio State University	X
Ohio University	X
University of Cincinnati	
Western Reserve University	X

SOUTH DAKOTA

Black Hills Teachers College (Spearfish)	
General Beadle State Teachers College	
South Dakota School of Mines and Technology	X
South Dakota State College of Agriculture and Mechanic Arts	X
Southern State Teachers College	
University of South Dakota	X

<u>Name of Institution</u>	<u>Replies Received</u>
<u>WISCONSIN</u>	
Marquette University	X
Stout Institute	X
University of Wisconsin	X
Wisconsin Institute of Technology	
Wisconsin State College (Eau Claire)	
Wisconsin State College (La Crosse)	X
Wisconsin State College (Milwaukee 11,)	
Wisconsin State College (Oshkosh)	X
Wisconsin State College (Platteville)	X
Wisconsin State College (River Falls)	
Wisconsin State College (Stevens Point)	
Wisconsin State College (Superior)	
Wisconsin State College (Whitewater)	X

Cooperative Arrangements between Institutions
in Twelve-State Midwestern Area

(Institutions located in other areas
are given in parenthesis)

Appendix II

(1)

Name: Midwest 4-University Seminars on U. S. Foreign Policy

Purpose: To conduct regional seminars on U. S. foreign policy problems

Cooperating Institutions:

University of Illinois
University of Michigan
University of Minnesota
University of Wisconsin

Characteristics of Arrangement: Expert discussion and comment

Financial Arrangements Involved: Those costs not covered by foundation grants are shared. Arrangement also involves released time for faculty and staff.

Type of Involvement: All institutions share in use, management, and support

Effectiveness: Judged to be highly beneficial

Name: The Midwest Inter-Library Corporation

Purpose: To provide more adequate research materials for the needs of Midwestern scholarship and research; and to provide economical and efficient utilization of resources to avoid needless duplication and expense.

Cooperating Institutions:

University of Chicago	Michigan State College
University of Cincinnati	University of Minnesota
University of Illinois	Northwestern University
Illinois Institute of Technology	University of Notre Dame
Indiana University	Purdue University
State University of Iowa	University of Wisconsin
University of Kansas	

Characteristics of Arrangement: Research and service (books and documents made available to member libraries)

Financial Arrangements Involved: Contractual arrangement with costs shared

Type of Involvement: All institutions share in use, management, and support.

Effectiveness: Judged highly beneficial by institutions reporting

(3)

Name: Research in the Utilization and Marketing of Forest Products

Purpose: To encourage and develop interest and participation in marketing and utilization research

Cooperating Institutions:

University of Illinois
University of Missouri
Iowa State College
University of Minnesota

Characteristics of the Arrangement: Research only

Financial Arrangements: Contractual

Type of Involvement: All institutions share in management and support

Effectiveness: Organization will not become functional until July 1, 1955

(4)

Name: Inter-University Cooperation in F. O. A. Programs
in India

Purpose: To coordinate efforts of the various participating
universities

Cooperating Institutions:

Kansas State College
University of Illinois
Ohio State University
(Pennsylvania State College)
(University of Tennessee)

Characteristics of Arrangement: A service activity involving
the furnishing of technical assistance.

Financial Arrangements: Informal agreement, no financial
arrangements involved.

Type of Involvement: Informal coordination of efforts

Effectiveness: No statement

Name: Agreement in Nursing Clinical Practice

Purpose: To provide adequate clinical education to nursing students of the University of North Dakota

Cooperating Institutions:

University of North Dakota
University of Minnesota

Characteristics of Arrangement: Teaching: fourth year nursing students at University of North Dakota attend the University of Minnesota for clinical instruction and experience.

Financial arrangements: No financial arrangements between institutions but students pay regular fees of the University of Minnesota

Type of Involvement: Share in support through payment of student fees.

Effectiveness: No statement

Name: Minnesota-Wisconsin Scandinavian Area Studies

Purpose: To pool staff resources of the two institutions in Scandinavian studies

Cooperating Institutions:

University of Wisconsin
University of Minnesota

Characteristics of Arrangement: Teaching and student exchange

Financial Arrangements Involved: Conducted by informal agreement. Each institution is responsible in alternate years for a joint summer session program of courses in the Scandinavian area.

Type of Involvement: Both institutions share in use and management.

Effectiveness: Arrangement judged to be highly beneficial by both institutions

Name: Cooperative Arrangement between the Lake Itasca
Forestry and Biological Station and the University
of Wisconsin

Purpose: To facilitate the participation of Wisconsin students
and staff members in the work of the Lake Itasca
Station

Cooperating Institutions:

University of Minnesota
University of Wisconsin

Characteristics of Arrangement: Research, teaching, and
student exchange

Financial Arrangements: Operated through informal agreement
with no financial involvement

Type of Involvement: Institutions share in use

Effectiveness: Arrangement is judged to be highly beneficial

Name: Regional Poultry Testing Laboratory

Purpose: Genetics research

Cooperating Institutions:

University of Illinois	University of Wisconsin
Michigan State University	Purdue University
Iowa State College	Kansas State College
University of Minnesota	North Dakota Agricultural College
University of Nebraska	South Dakota State College
Ohio State University	

Characteristics of Arrangement: Research facility

Financial Arrangements: Contractual between institutions

Type of Involvement: All institutions share in use, management,
and support

Effectiveness: Judged to be highly beneficial

Name: Central Regional Research in Agricultural Education

Purpose: Cooperative research planning and execution in agricultural education

Cooperating Institutions:

(University of Kentucky)	University of North Dakota
University of Illinois	University of Nebraska
Purdue University	University of South Dakota
State University of Iowa	University of Wisconsin
University of Kansas	University of Minnesota
University of Michigan	Ohio State University
University of Missouri	

Characteristics of Arrangement: Research

Financial Arrangements Involved: Informal agreement

Type of Involvement: All institutions share in use, support and management

Effectiveness: Arrangement was judged to be highly beneficial (University of Minnesota)

Name: Search for White Dwarfs and Search for Faint Blue Stars

Purpose: Cooperative Research in astronomy

Cooperating Institutions:

University of Minnesota
(University of Arizona)
University of Michigan
(Vanderbilt University)

Characteristics of Arrangement: Astronomical research

Financial Arrangements Involved: Operated by informal agreement using foundation money

Type of Involvement: Partially shared costs; most of arrangement involves use of telescopes

Effectiveness: Arrangement is not only highly beneficial but is believed to be essential to the research program

Name: Argonne National Laboratory

Purpose: 1) To facilitate the interchange of research personnel and students
2) To conduct joint experimental programs in which the facilities and personnel of the laboratory and participating institutions are available.

Cooperating Institutions:

Carnegie Institute of Technology	University of Michigan
Case Institute of Technology	University of Minnesota
University of Chicago	University of Missouri
University of Cincinnati	University of Nebraska
Illinois Institute of Technology	Northwestern University
University of Illinois	University of Notre Dame
Indiana University	Ohio State University
Iowa State College	(Oklahoma Agricultural and Mechanical College)
State University of Iowa	(University of Pittsburgh)
Kansas State College	Purdue University
University of Kansas	St. Louis University
Loyola University	Washington University
Marquette University	Wayne University
(Mayo Foundation)	Western Reserve University
Michigan College of Mining and Technology	University of Wisconsin
Michigan State University	

Characteristics of Arrangement: Research and teaching

Financial Arrangements Involved: Contractual, also involving released time for faculty and staff of participating institutions

Type of Involvement: Institutions share in use of facility and have an advisory relationship

Effectiveness: Judged to be highly beneficial to research development

Name: A College Cooperative Project in Pre-service Teacher Education

Purpose: Research in the relationship of laboratory experiences to purposes ascribed to courses in human development

Cooperating Institutions:

Northern Illinois State Teachers College
Ball State Teachers College
(Horace Mann Institute, Columbia University)

Characteristics of Arrangement: Research

Financial Arrangements: Costs shared through informal agreement.
Some released time for faculty and staff involved

Type of Involvement: Share in support, use, and management

Effectiveness: Arrangement is highly beneficial

Name: Rocky Mountain Center for Bibliographical Research

Purpose: Center of information on resources in Rocky Mountain
and plains area

Participating Institutions:

University of Kansas
University of South Dakota
and ("125 institutions in a broad geographical area")

Characteristics of Arrangement: Research and service (infor-
mation on inter-library loans)

Financial Arrangements Involved: Operated through informal
agreement and payment of a service fee

Type of Involvement: Institutions share in support by fee
payment and in use

Effectiveness: Highly beneficial

Name: Midwest Universities Research Association

Purpose: Coordination of research activities in nuclear physics
and related fields

Cooperating Institutions:

University of Illinois	Iowa State College
Indiana University	University of Michigan
University of Minnesota	University of Wisconsin
State University of Iowa	Purdue University

Characteristics of Arrangement: Research

Financial Arrangements Involved: Contractual with costs shared

Type of Involvement: All institutions share in use, management,
and support

Effectiveness: States as "highly beneficial" or "believe will
prove highly beneficial"

Name: Southern Illinois University - University of Michigan
Cooperative Forestry Program and Cooperative Wood
Technology Program

Purpose: Facilitate transfer of students without loss of time
or credit

Cooperating Institutions:

Southern Illinois University
University of Michigan

Characteristics of Arrangement: Teaching and student transfer

Financial Arrangements Involved: None

Type of Involvement: Not stated

Effectiveness: Highly beneficial

Name: Cooperative Granting of Ed. D.

Purpose: Allow students to do majority of work at Southern Illinois University and receive degree from Indiana University. Students take 6 years of work at S.I.U. and are granted doctorate from Indiana University.

Cooperating Institutions:

Southern Illinois University
Indiana University

Characteristics of Arrangement: Involves teaching and student exchange

Financial Arrangements Involved: Operated by informal agreement

Type of Involvement: Both institutions share in use

Effectiveness: Highly beneficial to institutions and students

Name: Cooperative Research Project involving Ball State Teachers College, Northern Illinois State Teachers College, and Teachers College, Columbia University

Purpose: Cooperative research in Pre-service teacher education

Cooperating Institutions:

Ball State Teachers College
Northern Illinois State Teachers College
(Teachers College, Columbia University)

Characteristics of the Arrangement: Research

Financial Arrangements Involved: Operated through informal agreement with released time for faculty and staff. Costs involved are shared.

Type of Involvement: Share in support

Effectiveness: Highly beneficial

Name: Social Work Workshops

Purpose: To make available advanced instruction in social work
to University of South Dakota Students

Cooperating Institutions:

University of Nebraska
University of South Dakota

No other information given

Name: Combined Liberal Arts - Engineering Degree Program

Purpose: To combine cultural training with professional training for students in different areas who would otherwise not be able to obtain professional training.

Cooperating Institutions:

Creighton University
(Regis College)
Rockhurst College
St. Mary's College
St. Norbert's College

Characteristics of the Arrangement: Student exchange

Financial Arrangements Involved: Contractual but no cost involved to cooperating schools

Type of Involvement: Share in use

Effectiveness: Highly beneficial

Name: Application of Ultrasonic Technics to Neuroanatomy,
Physiology and Surgery

Purpose: Pooling skills from two disciplines to solve
problems in basic and clinical neurologic problems

Cooperating Institutions:

University of Illinois
State University of Iowa

Characteristics of Arrangement: Research, service

Financial Arrangements Involved: Informal agreement, costs
shared, and released time for faculty or staff

Type of Involvement: Cooperating institutions share in use,
management, and support

Effectiveness: Highly beneficial

Name: Human Relations Area Files, Inc.

Purpose: Share in development, maintenance and possession
of a large file of basic data on a sample of societies
of all kinds throughout the world

Cooperating Institutions:

State University of Iowa	(University of North Carolina)
University of Chicago	(University of Oklahoma)
(University of Colorado)	(University of Pennsylvania)
(Cornell University)	(Princeton University)
(University of Hawaii)	(University of So. California)
(Harvard University)	(University of Utah)
(Indiana University)	(Washington University)
(University of Michigan)	(Yale University)

Characteristics of Arrangement: Research, service (Each member
contributes data which all members share)

Financial Arrangements Involved: Contractual; each member
university pays annual fee and spends like amount
on local maintenance of files

Type of Involvement: Cooperating institutions share in use,
management, and support

Effectiveness: Highly beneficial

Name: Tama Indian Project, Tama, Iowa

Purpose: Field Training in Anthropology and Sociology

Cooperating Institutions:

University of Chicago
University of Iowa

Characteristics of Arrangement: Research, teaching, and service,
(provide data for state meliorative agencies)

Financial Arrangements Involved: Costs are shared; Student
Research Assistantships granted

Type of Involvement: Cooperating institutions share in use,
management, and support

Effectiveness: Highly beneficial

Name: Extramural Program

Purpose: To supplement the teaching of obstetrics

Cooperating Institutions:

University of Wisconsin
University of Chicago
(The Chicago Lying-In Hospital and Dispensary)

Characteristics of Arrangement: Teaching only

Financial Arrangements Involved: None

Type of Involvement: Not stated

Effectiveness: Arrangement is judged to be highly beneficial

Name: The Inter-University Case Program

Purpose: Promotion, preparation, and publication of public administration case studies for use in the study of public administration.

Cooperating Institutions:

45 colleges and universities

Characteristics of Arrangement: Research and service
(participating institutions receive copies of case studies)

Financial Arrangements Involved: Finances involve subscription

Type of Involvement: Subscribing member institutions share in use, management, and support of activity

Effectiveness: The arrangement is judged as highly beneficial

Name: National Association of Educational Broadcasters
Tape Network

Purpose: Interchange of recorded radio programs among
educational radio stations

Cooperating Institutions:

About 75 educational institutions (Universities,
colleges, public schools) in the United States

Characteristics of Arrangement: A service activity involving
program exchange

Financial Arrangements Involved: Participating institutions
share costs

Type of Involvement: Institutions involved share in use,
management, and support of the activities

Effectiveness: Arrangement is judged to be highly beneficial

Name: Regional Conferences concerning programs in Nursing Service Administration offered under grants from the W. K. Kellogg Foundation

Purpose: To plan cooperatively for serving the area of the upper midwest

Cooperating Institutions:

University of Chicago
State University of Iowa
University of Minnesota

Characteristics of Arrangement: Institutions involved exchange information in regard to program and joint planning, resulting in elimination of unnecessary duplication of effort

Financial Arrangements Involved: Released time for faculty or staff is provided for by the W. K. Kellogg Foundation grant

Type of Involvement: Participating institutions share in information about development of programs

Effectiveness: Arrangement is judged to be highly beneficial

Name: Use of Illiac Computer (University of Illinois)

Purpose: To provide research facilities for faculty

Cooperating Institutions:

Indiana University
University of Illinois

Characteristics of Arrangement: Research only

Financial Arrangements Involved: Informal agreement

Type of Involvement: Both institutions involved share
in use

Effectiveness: Arrangement is judged to be highly beneficial

Name: Use of McDonald Observatory in Texas

Purpose: To provide research facilities for faculty and graduate students

Cooperating Institutions:

Indiana University
University of Chicago

Characteristics of Arrangement: Research only

Financial Arrangements Involved: Contractual

Type of Involvement: Both institutions share in use

Effectiveness: Arrangement is judged to be highly beneficial

Name: Education of Nebraska residents in Area of Veterinary
Medicine

Purpose: To provide for training of veterinarians in absence
of facilities within state

Cooperating Institutions: (tentative)

(Colorado A and M)
Kansas State College
Iowa State College
University of Nebraska

Characteristics of Arrangement: Cost of education of Nebraska
Veterinary Medicine students at other institutions
paid by University of Nebraska

Financial Arrangements Involved: Contractual

Type of Involvement: Cost of education of Nebraska Veterinary
Medicine students at other institutions paid by
University of Nebraska

Effectiveness: Arrangements are now being completed. The
program is to begin in September 1955

Name: Library Acquisition and Use

Purpose: To coordinate Science Library research materials
in both libraries

Cooperating Institutions:

University of Kansas
(Linda Hall Library of Kansas City, Missouri)

Characteristics of Arrangement: Research and teaching

Financial Arrangements Involved: None

Type of Involvement: Both institutions share in use

Effectiveness: Arrangement is judged to be highly beneficial

Name: Regional Cooperative Research under Section 9b3,
Bankhead-Jones Funds (Research and Marketing Act
of 1946)

Purpose: To advance cooperation in research among states
through use of federal-grant funds in addition to
state or other funds already available

Cooperating Institutions:

University of Illinois
Purdue University
Iowa State College
Kansas State College
Michigan State University
University of Minnesota
University of Missouri
University of Nebraska
University of North Dakota
Ohio State University
South Dakota State College of Agriculture
University of Wisconsin

Characteristics of Arrangement: Research only

Financial Arrangements: Allocation of funds by regional directors
and Committee of Nine

Type of Involvement: Participating institutions share in support

Effectiveness: Arrangement is judged to be highly beneficial

Name: Inter-University Labor Education Committee

Purpose: To approve financial grants to each institution;
to share information on experimental programs of
each university

Cooperating Institutions:

University of Wisconsin
(Cornell University)
(Rutgers University)
(Pennsylvania State University)
University of Illinois
University of Chicago
(Roosevelt University)
(University of California)
(L.A.)
(AFL)
(CIO)

Characteristics of Arrangement: Teaching, service (preparation
of teaching materials), and community projects

Financial Arrangements Involved: All money comes from the
Ford Foundation

Type of Involvement: Participating institutions share in the
approval of financial grants to each institution;
they meet regularly to exchange information on experi-
mental activities at each institution

Effectiveness: Arrangement is judged to be highly beneficial

(1)

1. Name: Six Public Institutions of Higher Learning; limited cooperation with 49 liberal arts colleges giving teacher education courses

Purpose: To present a broader, more economical and diversified program

Cooperating Institutions: Fifty-five institutions

2. Name: Strawberry Varietal Test

Purpose: To obtain seedling selections of another station for test

Cooperating Institutions:

University of Kentucky
University of Tennessee
Southern Illinois University

3. Name: Study of Field Services offered by Kansas State Teachers College of Emporia

Purpose: To determine adequacy of off-campus services and recommend improvements

Cooperating Institutions: University of Arkansas and K.S.T.C.

4. Name: Joint imprint on book, Our Long Heritage: Pages from the Books Our Founding Fathers Read, by Wilson O. Clough

Purpose: Joint book publication

Cooperating Institutions: The University of Minnesota and the University of Wyoming

5. Name: Purchase Order

Purpose: Analysis of clays collected in bays, swamps, and shallow waters.

Cooperating Institutions: University of Illinois and University of California - Scripps Institution of Oceanography

6. Name: Consulting Agreement

Purpose: Consulting by University of Illinois staff members
at Los Alamos Scientific Laboratory

Cooperating Institutions: University of California and
University of Illinois

7. Name: An Agreement between the Board of Governors of West
Virginia University and the Board of Trustees of the
Ohio State University

Purpose: To provide for the training of West Virginia students
in the College of Veterinary Medicine, the Ohio State
University

Cooperating Institutions: West Virginia University and the
Ohio State University

8. Name: McDonald Observatory Agreement

Purpose: Research and teaching

Cooperating Institutions: The University of Texas and the
University of Chicago

9. Name: International Cooperative Off-Campus Program

Purpose: In-service training for teachers and school admin-
istrators

Cooperating Institutions: Wayne University; Assumption College,
Windsor, Ontario; University of Western
Ontario

10. Name: McDonald Observatory Agreement

Purpose: Cooperative research and teaching

Cooperating Institutions: University of Chicago, and
the University of Texas

11. Name: An Agreement between the Board of Governors of West
Virginia University and the Board of Trustees of the
Ohio State University

Purpose: To provide for the training of West Virginia students
in the College of Veterinary Medicine, the Ohio State
University

Cooperating Institutions: West Virginia University and
The Ohio State University

Instructions for Completing Questionnaire

This questionnaire was constructed to secure data pertaining to any type of formal or informal agreement or arrangement between your institution and an institution of higher education in another state. Although earlier consideration of cooperative arrangements has been primarily concerned with the fields of dentistry, veterinary medicine, and medicine, respondents should not limit their reports to these fields in the present case. Any type of cooperative arrangement that is of an inter-state nature should be reported.

Specific examples of the kind of cooperative arrangements that should be reported are the Midwest Inter-library Center and the Midwest Universities Research Association, both of which involve several institutions. On a somewhat smaller scale, but equally important for the purposes of this study, are such arrangements as the Itasca Biological Station and the Scandinavian Area Studies Program which involve only two institutions.

Please use a separate questionnaire for each cooperative arrangement reported. In the event that you do not feel that completion of this questionnaire adequately describes a particular arrangement that you report, please write a brief description of that arrangement on the reverse side of the questionnaire.

BIR: 5/16/55

INTER-STATE COOPERATION IN HIGHER EDUCATION

Please complete this questionnaire by marking an (X) in the appropriate space before the alternative that best describes the conditions governing the cooperative arrangement of which your institution is a party or by supplying the necessary information where requested. Use a separate questionnaire for each cooperative arrangement reported.

The completed questionnaire should be sent to the Bureau of Institutional Research, 211 Burton Hall, University of Minnesota, Minneapolis 14, Minnesota.

Please return the completed questionnaires by July 11, 1955.

1. Name or Description of Cooperative Arrangement _____

2. Purpose of Cooperative Arrangement _____

3. Cooperating Institutions _____

4. Characteristics or Type of Arrangement (Check all applicable)

- 1. _____ research
- 2. _____ teaching
- 3. _____ service (please specify) _____
- 4. _____ student exchange
- 5. _____ research sub-contract
- 6. _____ other (please specify) _____

5. Financial Arrangements involved: _____ yes _____ no

If yes, please characterize: (check all applicable)

- 1. _____ contractual
- 2. _____ informal agreement
- 3. _____ costs shared
- 4. _____ released time for faculty or staff
- 5. _____ other (please specify) _____

6. Type of Involvement

- 1. _____ share in use
- 2. _____ share in management
- 3. _____ share in support
- 4. _____ other (please specify) _____

7. Effectiveness (completion optional)

- 1. _____ arrangement is highly beneficial
- 2. _____ arrangement is of some use
- 3. _____ arrangement is of little value

Information supplied by:

Position:

Institution: